KANT, V.I., kand.med.nauk (Kishinev)

Planning outpatient and polyclinic service for the rural population
in the Moldavian S.S.R. Sov.zdrav. 20 no.1:14-17 '61.

(MIRA 14:5)

1. Iz kafedry organizatsii zdravookhrananiya (zav. - dotsent M.Ya.
Gekhtman) Kishinevskogo meditsinskogo instituta (dir. - dotsent
N.A.Testemitsanu).

(MOLDAVIA—HOSPITALS—OUTPATIENT SERVICES)

KANT, V.I., kand.med.nauk

"Planning the public health requirements in medical personnel" by
I.I. Rozenfel'd. Reviewed by V.I.Kant. Sov. zdrav. 21 no.1:73-74
'62.   (MIRA 15:2)

1. Nachal'nik planovo-finansovogo otdela Ministerstva zdravookhraneniya
Moldavskoy SSR.
                        (MEDICAL PERSONNEL)

KANT, V. I.

Urgent problems in planning in the public health system of the
Moldavian S.S.R. Zdravookhranenie 5 no.2:3-6 Mr-Ap '62.
(MIRA 15:7)

1. Nachal'nik planovo-finansovogo otdela Ministerstva zdravo-
okhraneniya Moldavskoy SSR.

(MOLDAVIA—PUBLIC HEALTH ADMINISTRATION)

KANT, V.I., kand.med.nauk (Kishinev)

Planning the development of rural public health. Sov.zdrav. 21
no.10:34-38 '62.   (MIRA 15:10)

1. Nachal'nik planovo-finansovogo otdela Ministerstva
zdravookhraneniya Moldavskoy SSR.
                    (PUBLIC HEALTH, RURAL)

KANT, V.I.

[Method for determining the norms of a rural population's
needs for clinical and preventive medical aid] Metodika op-
redeleniia normativov potrebnosti sel'skogo naseleniia v
lechebno-profilakticheskoi pomoshchi. 1960. 118 p.
                                        (MIRA 16:4)

   (PUBLIC HEALTH, RURAL)

SEDYKIN, K.G.; KANT, V.I.; TRYATITSYN, P.M.

Results of the efforts of a Communist working collective.
Zdravookhraneniye 6 no.2:3-5 Mr-Ap'63.   (MIRA 16:10)

GORBUNOVA, N.A.; VINOGRADOV, N.A., prof., nauchnyy rukovoditel'; KANT, V.I., kand. med. nauk, nauchnyy rukovoditel'.

Demand of children in district center towns in specialized medical care and the methodology of its determination. Zdravookhranenie 6 no.5:16-19 S-0'63   (MIRA 16-2)

KINT, V.I., kand. med. nauk; GRISHINA, T.I., kand. med. nauk (Kishinev)

Care of workers' health in the Mongolian People's Republic;
impressions from a trip. Sov. zdrav 22. no.9:80-83 '63.
(MIRA 17:4)

K /1/0 1 /1 7.

CZECHOSLOVAKIA/Acoustics - Architectural Acoustics   J-7

Abs Jour : Rof Zhur - Fizike, No 9, 958, No 21353

Author   : Slavik J.B., Klimos B., Vondrus K., Kanta F.
Inst   : Not Given
Title   : "Equisons" as Auxiliary Means for Design of Sound Insulation

Orig Pub : Strojirenstvi, 1957, 7, No 12, 893-894

Abstract : When sound insulating a closed volume, uniform acoustic
           treatment of all the surfaces may be expensive and of little
           offectiveness. It is indicated that dotormination of the
           places requiring reinforced sound insulation can be readily
           offected with the aid of "Equisons," which are surfaces
           that joint points with equal levels of sound loudnoss. By
           way of an example, the plot of "Equisons" in the cabin of a
           passenger airplane is given. The plot shows clearly places
           that require reinforced sound insulation.

Card   : 1/1

STANKOVIC, D.; KANTA, F.; ALJINOVIC,M.; FOCO, S.

Hearing disorders following repeated carbon monoxide
poisoning. Acta med. Iugosl. 18 no.2:95-106 '64

1. Institut za patolosku fiziologiju i Institut za higijenu
i socijalnu medicinu, Medizinskog fakulteta u Sarajevu.

KANTAKUZEN, ANATOLIY VASIL'YEVICH

Smirnov, Leonid Alekseyevich, and Kantakuzen, Anatoliy Vasil'yevich.

Khimichéskaya apparatura iz kislotoupornoy keramiki (Chemical Apparatus manu-
    factured From Acid-resistant Ceramic Materials) Moscow, Goskhimizdat, 1957.
    164 p. (Korroziya v khimicheskikh proizvodstvakh i sposoby zashchity, vyp.
    10) 4,000 copies printed.

Ed.:   Baklanov, N. A. (Title page) Ayzenshtat, I. I. (Inside book) Tech.
          Ed.: Shpak, Ye. G. Editorial board of series; chairman: Kiselev, V.
          S.; Deputy Chairman: Sagalayev, G. V.; Kruchinin, V. I.; Members:
          Baklanov, N. A., Volodin, V. Ye., Klinov, I. Ya., Udyma, P. G.

PURPOSE: The book is intended for the use of engineers and specialists engaged
          in designing and operating chemical equipment.

COVERAGE: The authors give the classification and characteristics of acid-
          resistant ceramic apparatus and a short description of how they are
          manufactured. They also describe porous ceramic apparatus, tubing
          and fixtures applicable to the chemical industry, giving their

Card 1/3

Chemical Apparatus Manufactured From Acid-resistant Ceramic Materials. (Cont.)
characteristics and quality in accordance with GOST and standard manufac-
turing practices. Special chapters are devoted to the maintenance, opera-
tion and repair of ceramic apparatus and tubing; safety precautions and
operational procedures are described. An extensive bibliography is included.
There are 69 references, 61 of which are USSR, 7 English, 1 German.

TABLE OF CONTENTS:

Card 2/3

Chemical Apparatus Manufactured From Acid-resistant Ceramic Materials. (cont.)

AVAILABLE: Library of Congress

Card 3/3

ADEL', I.B.; KANTAKUZEN, A.Y.

Using drilling muds containing sodium silicate. Neft. khoz. 36 no.1:
21-26 Ja '58.   (MIRA 11:2)
          (Oil well drilling fluids)   (Sodium silicates)

KANTAKUZEN, A.V.; LUTSENKO, N.A.

Effect of new chemical reagents and drilling fluids on the quality
of plugging cements. Gaz.prom. 4 no.5:8-12 My '59.
(MIRA 12:7)

(Gas wells) (Cement)

ZHVANETSKIY, Ye.F., red.; KANTAKUZEN, A.V., red.; DUBROVINA, N.D.,
        ved. red.

[Well cementing and water exclusion; data compiled at the
All-Union Scientific and Technical Institute for Drilling
Technology in October of 1962 at a seminar on the formation
of cement stone] Kreplenie skvazhin i razobshchenie plastov;
materialy sostoiavshegosia vo VNIIBT v oktiabre 1962 g. se-
minara po formirovaniiu tsementnogo kamnia. Moskva, Izd-vo
"Nedra," 1964.   157 p.   (MIRA 17:6)

1. Seminar po formirovaniyu tsementnogo kamnya, 1962.

VOL'DEK, A.I.; DOMANSKIY, B.I.; DRANNIKOV, V.S.; ZALESSKIY, A.M.;
     KAMENSKIY, M.K.; KANTAN, V.V.; KASHKAROV, G.Ye.; KIZEVETTER, Ye.I.;
     KLIMOV, A.N.; KOVALEV, N.N.; KOSTENKO, M.P.; KOSTENKO, M.V.;
     NEYMAN, L.R.; PAVLOV, G.M.; RAVDONIK, V.S.; RUZIN, Ya.L.;
     SIDOROV, M.M.; SHRAMKOV, Ye.G.

     Professor Sergei Vasil'evich Usov, 1905- ; on his 60th birthday.
     Elektrichestvo no.11:86 N '65.   (MIRA 18:11)

ACC NR: AP6013617   SOURCE CODE: UR/0105/65/000/011/0086/0086

AUTHOR: Vol'dek, A. I.; Domanskiy, B. I.; Drannikov, V. S.; Zalesskiy, A. M.; Kamenskiy, M. K.; Kantan, V. V.; Kashkarov, G. Ye.; Kizevetter, Ye. I.; Klimov, A. N.; Kovalev, N. N.; Kostenko, M. P.; Kostenko, M. V.; Neyman, L. R.; Pavlov, G. M.; Ravdonik, V. S.; Ruzin, Ya. L.; Sidorov, M. M.; Shramkov, Ye. G.

ORG: none

TITLE: Professor Sergey Vasil'yevich Usov, on his 60th birthday

SOURCE: Elektrichestvo, no. 11, 1965, 86

TOPIC TAGS: academic personnel, electric engineering personnel, electric power plant

ABSTRACT: The noted Soviet power specialist Professor S. V. USOV, who was 60 years old last September, graduated from the Leningradskiy elektrotekhnicheskiy institut (Leningrad Electrotechnical Institute) in 1930 and then, for the next twenty years, worked for the Lenenergo power system of which he became chief engineer in 1939. During the blockade of Leningrad he was head of the group which in 45 days managed to connect the beleaguered city with the Volkhovskaya hydroelectric station across the frozen Ladoga lake. He also carried out the adaptation of the boilers of the Leningrad thermal power plant to consume the locally available fuel. In 1949 he became professor and head of the Department of Electric Stations

Card 1/2   UDC: 621.311.1

L 22429-66
ACC NR: AP6013617

2

of the Leningradskiy politekhnicheskiy institut (Leningrad Poly-
technic Institute) im. Kalinin. In addition to his fruitful
pedagogical endeavors, he published 50 scientific papers. From
1955 to 1958 he was a deputy director for scientific work. In
1964 he was elected Dean of the Electromechanical Faculty of the
Institute. He joined the Party in 1942; from 1943 to 1955 was
deputy president of the central board of the NTOEP /Nauchno-
tekhnicheskoye obshchestvo energeticheskoy promyshlennosti;
Scientific Engineering Society of Power Industries7, president of
the section of power systems of NTOEP, and member of numerous
scientific-engineering councils. For many years he was a member
of the editorial board of the journal Elektricheskiye stantsii
(Electric Stations). For his contributions in the field of power
engineering S. V. USOV was awarded the Order of Lenin, Order of
Red Banner of Labor, Order of Red Star, Badge of Distinction, and
the medals: "For the Defense of Leningrad" and "For Distinguished
Service During the Patriotic War." Orig. art. has: 1 figure. [JPRS]

SUB CODE: 10 / SUBM DATE: none

Card 2/2   βιθ

USOV, S.V. (Leningrad); PAVLOV, G.M. (Leningrad); KANTAN, V.V. (Leningrad)

Theoretical premises for optimalizing the operation of an electric
power system using electronic analog computers. Izv. AN SSSR.
Energ. i transp. no.4:434-442 Jl-Ag '63.   (MIRA 16:11)

USOV, S.V. (Leningrad); PAVLOV, G.M. (Leningrad); KANTAN, V.V. (Leningrad)

.Solution of a problem on the optimum distribution of loads using analog computers. Izv. AN SSSR. Energ. i transp. no.6: 667-674 N-D '63.   (MIRA 17:1)

PAVLOV, G.M., [Leningrad) kand. tekhn. nauk; KANTAN, V.V., kand. tekhn. nauk (Leningrad)

Accuracy in the solution of a problem on optimum load distribution. Elektrichestvo no.1:10-17 Ja '64.

(MIRA 17:6)

USOV, S.V., prof. (Leningrad); PAVLov, G.M., kand. tekhn. nauk
(Leningrad); KANTAN, V.V., inzh. (Leningrad); PETROVA, S.S.,
inzh. (Leningrad); STEPANOV, B.N., inzh. (Leningrad)

Solution of a problem on optimum load distribution using the
ANRAN-1V computer. Elektrichestvo no.2:24-27 F '64.
(MIRA 17:3)

PAVLOV, O.M., kand. tekhn. nauk, dotsent; PETROVA, S.S., inzh.; KANTAN, V.V. inzh.

Model of a.d.o. network for the determination of partial specific losses. Izv. vys. ucheb. zav.; energ. 7 no.11:111-112 N '64
(MIRA 18:1)

1. Leningradskiy politekhnicheskiy institut imeni M.I.Kalinina. Predstavlena kafedroy elektricheskikh stantsiy.

KANTAN, V.V., kand. tekhn. nauk; STEPANOV, B.N., inzh.

Simplification of calculational formulas for determining fractional
unit power losses. Elektrichestvo no.8:38-39 Ag '64.

(MIRA 17:11)

1. Leningradskiy politekhnicheskiy instutut imeni Kalinina.

PAVLOV, G.M. (Leningrad); KANTAN, V.V. (Leningrad); PETROVA, S.S. (Leningrad)

Determination of partial specific losses using a d.c. network
model. Elektrichestvo no...18-22 Ja '65.

(MIRA 18:7)

1. KANTANOV, B.A. Eng.

2. USSR (600)

3. Machinery-Standards

4. Problems of standardization.
    Vest.mash.| No. 7 - 1952.
              32

9. Monthly List of Russian Acessions, Library of Congress, February, 1953. Unclassified.

KANTAR, N.

Electric instruments for temperature measurements. I. Resistance thermometers.
p. 13

METROLOGIA APLICATA

Vol. 2, no. 3, Mar. 1955

Rumania

KANTAR, N.

Fluorescent Lamps. ELECTROTEHNICA (Electrical Engineering) #10:449:Oct 55

KANTAR, N.

Installing Schemes and Technics for Fluorescent Lamps. ELECTROTEHNICA
(Elect ical Engineering), #12:558:Dec 55

KANTARDAYEVA, Zh. M., Cand Med Sci—(diss) "*Significance of bacterial metabolism for the reproduction of salmrning forms of bacteria of the intestinal group." Mary Alma-Ata, 1958. 11 pp (Acad Sci Kazakh SSR. Joint Scientific Council of the Inst of Physiology, Clinical, and Experimental Surgery, and Regional Pathology of the Acad Sci Kazakh SSR), 150 copies (KL, 31-58, 107)

—115—

KANTARBAYEVA, Zh.K., kand.med.nauk; BLONSKAYA, L.I.; KRIVTSOVA, A.I.

Incidence of primary drug resistance in pulmonary tuberculosis.
Probl. tub. 41 no.8:33-35 '63.   (MIRA 17:9)

1. Iz Kazakhskogo nauchno-issledovatel'skogo instituta tuberkuleza
(dir. - kand.med.nauk A.A.Terlikbayev).

POLETAYEV, S.D., kand. med. nauk, red.; KANTARBAYEVA, Zh.K., kand.
med. nauk, red.; CHENSKIKH, Ye.P., kand. med. nauk, red.; SHEFER,
L.B., red.;

[Abstracts of reports of the Scientific Session of the Kazakh
Scientific Research Institute of Tuberculosis and the Republic
Scientific Medical Society of Phthisiologists] Tezisy dokladov
Nauchnoi sessii Kazakhskogo nauchno-issledovatel'skogo institu-
ta tuberkuleza i Respublikanskogo nauchnogo meditsinskogo ob-
shchestva ftiziatrov. Alma-Ata, M-vo zdravookhranenila Kazakh-
skoi SSR, 1962. 129 p. (MIRA 18:4)

1. Nauchnaya sessiya Kazakhskogo nauchno-issledovatel'skogo
instituta tuberkuleza i respublikanskogo nauchnogo meditsin-
skogo obshchestva ftiziatrov. 1962. 2. Kazakhskiy nauchno-
issledovatel'skiy institut tuberkuleza, Alma-At

KANTARDZHIEV, M.; MIRCHEV, B.

An experiment of Ana Fedoseeva in the reduction of the prime cost
in every operation is being introduced at the Dimitur Milchev
State Industrial Enterprise. Leka promishl 2 no.1:25-30 '53.

KANTARDZHIEV, P., arkh.

Town planning in Bulgaria. Tekhnika Bulg 2 no.11:3-10 N '53.

KOLCHAKOV, K.; KANTARDJIEV, V.

Immunological characteristics of silver- labeled proteins.
Dokl. Bolg. akad. nauk 18 no.4:363-364 '65.

1. Submitted November 26, 1964.

BURDAROV, S., prof.; KANTARDZHIEV, V., d-r

Level of penicillin in rabbits treated with antipenicillin serum.
Nauch trud Inst kontrol lek 1:43-49 '63.

1. Scientific Research Institute for the State Control of Drugs,
Sofia. Chief Editor, "Nauchni trudove na Nauchno-issledovatelskiia
institut na durzhaven kontrol na lekarstvenite sredstva" (for Burdarov).
2. Institute of Veterinary Medicine (for Kantardshiev).

DAMIANOV, Georgi, dots. inzh.; KANTARDZHI.VI, Veljslava, inzh.

Nature of the warp tension variations in weaving. Tekstilra prom
14 no.1:25-29 '65.

AVETISYAN, M.A.; ADAMOV, V.S.; KANTARDZHYAN, L.T.; CHIRKINYAN, S.S.

Prototropic forms of fluorescein and uranin. Izv. AN SSSR. Ser.
fiz. 27 no.6:796-798 Je '63.   (MIRA 16:7)
                (Fluorescein—Spectra) (Uranin—Spectra)

ADAMOV, V.S.; KANTARDZHYAN, L.T.

Luminescence of ionic forms of uranin in liquid and solid
solutions. Opt. i spektr. 11 no.3:419-422 S '61. (MIRA 14:9)
(Uranin) (Luminescent substances)

24.3500

AUTHORS: Adamov, V.S., Kantardzhyan, L.T.

TITLE: The effect of reabsorption on the quenching of
              phosphorescence of molecules in an infinite plane-
              parallel layer of finite thickness

TEXT: The kinetic equations for phosphorescent molecules are
formulated, taking reabsorption into account, for short wavelength
luminescent band spectra in a finite volume.   It is assumed that
the luminescent molecules are distributed uniformly in a solid
medium.   The energy conditions for such molecules can be
described by a three stage electron level scheme as used by
A. Jablonski.   By making use of the method of successive
approximations, integro-differential equations are obtained
showing the character of the change in the decay law for the
α and β phosphorescence bands with increase in multiple
reabsorption.   The final expressions obtained for the energy
emitted from the investigated layer per unit time for unit area
Card 1/3

The effect of reabsorption ...   S/051/62/013/001/008/019
                                              E039/E420

situated at a point $z = L$ on the z axis (the investigated layer
lies between planes $z = 0$ and $z = l$ and the exciting light
is a parallel beam propagated along the z axis) are for α phosphor-
escence

$$E_{FN} = \frac{phv_{FN}}{2} \int_0^l n_F^l(z_0, t) B_2[z_0(l - z_0)] dz_0,$$

(17)

where

$$B_2[z_0(l - z_0)] = \int_1^\infty \frac{e^{-z_0(l-z_0)\tau}}{\tau^2} d\tau.$$

χ

and for β phosphorescence

$$E_{MN} = \frac{\pi h v_{NN}}{2} \int_0^l n_M^l(z_0, t) dz_0$$

(17')

N, F and M refer to normal, fluorescent and metastable states
(Jablonski), p and π are probabilities of $F \rightarrow N$ and
Card 2/3

The effect of reabsorption ...   S/051/62/013/001/008/019
E039/E420

$M \longrightarrow N$ transitions; ν - frequency of the luminescence;
x - absorption coefficient.   These equations show that with
reabsorption in the short wavelength regions of the spectrum
the laws of α- and β-decays appear non-exponential and depend on
the geometry of the luminescent volume.   There are 2 figures.

SUBMITTED: May 22, 1961

Card 3/3

MEL'NIKOV, N., prepodavatel' fiziki; KANTARIYA, A.

Radio clubs in schools. Radio no.5:36 My '60.   (MIRA 13:12)

1. Predsedatel' soveta samodeyatel'nogo radiokluba "V kosmos,"
shkola No.49, Kuybyshev (for Mel'nikov) 2. Nachal'nik Kuybshev-
skogo oblastnogo radiokluba Dobrovol'nogo obshchestva sodeystviya
armii, Aviatsii i flotu (for Kantariya).
                        (Radio clubs)

9.7000

S/024/62/000/005/010/012
E140/E135

AUTHOR: Kantariya, G.V.   (Tbilisi)

TITLE: Parallel microprogramming and the principles of design
            of central control units for digital computers

PERIODICAL: Akademiya nauk SSSR. Izvestiya. Otdeleniye
            tekhnicheskikh nauk. Energetika i avtomatika, no.5,
            1962, 140-143

TEXT: A "parallel" microprogramming is defined, in which the
operation code of the instruction consists of an operation address,
operation address modification bits, and the address of an
elementary operation control cell. The advantages of "parallel"
programming are that the speed of operation is much increased as
compared with normal microprogramming. However, the system is not
as flexible, the number of instructions available for a given
number of bits in the operation code is not as high as in the other
system.   There are 3 figures.

SUBMITTED: January 16, 1962

Card 1/1

8/062/62/000/006/006/008
B117/B101

AUTHORS: Tsitsishvili, G. V., Bagratishvili, G. D., Andrianov, K. A.,
           Khananashvili, L. M., and Kantariya, M. L.

TITLE: Study of infrared spectra of cyclic organosiloxanes

PERIODICAL: Akademiya nauk SSSR. Izvestiya. Otdeleniye khimicheskikh
            nauk, no. 6, 1962, 1014 - 1019

TEXT: Infrared spectra of octamethyl cyclotetrasiloxane (I), trimethyl
triphenyl cyclotrisiloxane (III), tetramethyl tetraphenyl cyclotetrasilox-
ane (IV), and 8 cycloorganotetrasiloxanes with methyl, ethyl, ethoxyl,
butoxyl, phenyl, vinyl, and nitrile groups were investigated. The infrared
spectra of (I), (III), and (IV) agreed with those described in the litera-
ture. The spectra of the other 8 cycloorganotetrasiloxanes were obtained
for the first time. Stretching vibrations of the Si-O-Si group were de-
termined for all organotetrasiloxanes in the form of broad, very intense

1080-1089 cm^{-1} bands; the positions of these were constant and scarcely
effected by the character and number of the substituents. The correspond-
ing band of the trimers appears at 1020 cm^{-1} and is less intense. The
Card 1/3

Study of infrared spectra ...

S/062/62/000/006/006/008
B117/B101

bands corresponding to the stretching vibrations of the $CH=CH_2$ group were found for compounds with 1 to 3 vinyl groups at 1596 cm^{-1}; they became more intense with increasing number of these groups. The lower frequency of stretching vibrations of the C=C bond is due to the strong effect of the Si atom on the vinyl group. This effect is greater than that of the conjugate phenyl ring, and is commensurable with the effect of conjugate C=C or C=O bonds. The bands of the vinyl group found at 959 and 1006 cm^{-1} originate in uneven deformation vibrations of the CH bond in $=CH_2$ and $=CH$.

The intensity of these bands grows proportionally with the number of vinyl groups. Bands corresponding to stretching vibrations of the $Si-C_6H_5$ group were found at 1434 cm^{-1} for organocyclosiloxanes with phenyl groups. The 1034 cm^{-1} band ascribed to the $Si-C_6H_5$ group by L. Spialter, D. S. Priest, C. W. Harris (J. Amer. Chem. Soc. 77, 6227 (1955)) is masked by the vibrations of the Si-O-Si group; it appears distinctly in trimers only. Stretching vibrations of the $Si-CH_3$ and $Si(CH_3)_2$ groups were observed in all cyclo-organosiloxanes in the form of broad bands at 1258-1263 cm^{-1}. Bands at 960 and 1010 cm^{-1} were found for the ethyl radical bound to silicon corres-

Card 2/3

Study of infrared spectra ...

S/062/62/000/006/006/008
B117/B101

ponding to those reported by C. W. Joung et al.(J. Amer. Chem. Soc. 70,
3758 (1948)). Stretching vibrations of the methyl and methylene groups
appear at 2885 - 2974 and 2923 cm^{-1} as in carbon compounds. There are
1 figure and 1 table.

ASSOCIATION: Institut khimii im. P. G. Melikishvili Akademii nauk GruzSSR
(Institute of Chemistry imeni P. G. Melikishvili of the
Academy of Sciences GSSR). Institut tonkoy khimicheskoy
tekhnologii im. M. V. Lomonosova (Institute of Fine Chemical
Technology imeni M. V. Lomonosov)

SUBMITTED: January 13, 1962

Card 3/3

KUDLAY, D.G.; KANTARVAYEVA, Zh.K.

On the antagonism as a criterion for the determination of microbial species. Zhur.mikrobiol.epid.i immun. 30 no.8:34-39 Ag '59.

(MIRA 12:11)

1. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei AMN SSSR.
(BACTERIA)

KANTARZHI, M.R.

Experience in economic management in the Mari Combine. Bum.prom.
37 no.6:26-30 Je '62.   (MIRA 15:6)

1. Nachal'nik planovo-ekonomicheskogo otdela Mariyskogo
tsellyulozno-bumazhnogo kombinata.
                    (Mari A.S.S.R.—Woodpulp industry)

Fat splitting in Kashkaval cheese. A. Kantardzhiev. Ann. univ. Sofia 9, 421-9(430 in German)(1931).—The products of fat decompn. diffuse into the cheese and cause its rancid taste. A resistant coccus is described and also a new modification of Henneberg micromethod for detn. of fat splitting. Treatment with K(OH)₂ is not recommended. The best preservation method is to coat the cheese with paraffin.

Jaroslav Kučera

KANTARDZHIEV, L.

Our president. p. 12.

RADIO. Vol. 5, no. 2, 1956

Sofiia, Bulgaria

SOURCE: East European Accessions List (EEAL) Library of
Congress, Vol. 6, No. 1, January 1957

KANTARDZIHIEV, L.

Training cadres of young radio telegraphers, p. 11, RADIO.
(Ministerstvo na poshtite, telegrafite, telefonite, i radioto
i Tsentralniia suvet na dobrovlnata organizatsiis za subeistvie
na otbranata) Sofiya. Vol. 5, No. 4, 1956

   2E: East European Accessions List (EEAL) Library of
       Congress, Vol. 5, No. 11, November 1956

KANTARDZHIEV, M.;ALEKSANDROV, P.

"Our Rationalizers Decorated with Medals." p. 36,
(LEKA PROMISHLENOST, Vol. 3, No. 3, 1954, Sofiya, Bulgaria)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4
No. 5, May 1955, Unol.

KANTARDZHIEV, M.;ALEKSANDROV, P.

"V. Kontorovich's Book Technical Industrial-Financial Plan of Industrial
Enterprises; a Review. Tr. from the Russian." p. 38,
(LEKA PRUMISHLENOST, Vol. 3, No. 3, 1954, Sofiya, Bulgaria)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4
No. 5, May 1955, Uncl.

TOSHKOV, As.; KANTARDZHIEV.V.

    ·   A negative phase of antitoxin formation. Izv. microbiol. inst.
       15:107-113   '63

KANTARDZHIEVA-MINKOVA, B.

"Species of the Cockchafer (Melolonthinae, Coleoptera) and its occurrence in Bulgaria." p. 275.
Izvestiia, Sofiya, Vol. 2, 1953

SO: East European Accessions List, Vol. 3, No. 9, September 1954, Lib. of Congress

KANTARDZHIEVA-MINKOVA, S.

"Scientific works published by foreign and Bulgarian scholars on the basis of Dr. Ivan Buresh's collected zoological material."

p. 143 (Izvestia) Vol.7, no.7, 1956. Sofia, Bulgaria

SO: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, no. 5, May 1958

KANTARDZHIEVA-MINKOVA, S.

"New and rare species of the family Cerambycidae in Bulgaria."

p. 539 (Izvestia) Vol. 7, no. 7, 1956. Sofia, Bulgaria

SO: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, no. 5, May 1958

KANTARDZHIEV, Petur, arkh.

Fifteen years of architectural projecting. Tekh delo 467:2
9 Mr '63.

AUTHOR: Kantardzhyan, L.T.

51-3-15/24

TITLE: On the temperature dependence of the relationship between fluorescence and phosphorescence of aesculin and uranin activated boron phosphors. (O sootnoshenii mezhdu fluorestsentsiyey i fosforestsentsiyey v bornykh fosforakh, aktivirobannykh eskulinom i uraninom, v zavisimosti ot temperatury).

PERIODICAL:"Optika i Spektroskopiya" (Optics and Spectroscopy), 1957, Vol.2, No.3, pp.378-381 (U.S.S.R.)

ABSTRACT: Luminescence of many organic substances consists of fluorescence and phosphorescence and the latter has two bands; short-wavelength one called α, and a long-wavelength one called β. A. Jablonski (Nature, 131, 839, 1933; Zs. f. Phys., 94, 38, 1935) postulated three levels: an upper fluorescent (F), intermediate metastable (M) and normal (N) one. Phosphorescence is due to molecules in M which either fall onto N yielding the β-band or are thermally excited to F and then onto M (the α-band). The samples studied were boric acid pellets, 0.2-0.5 mm thick, with aesculin and uranin as activators. The apparatus included an exciting mercury lamp, a glass monochomrsor, a calibrated photo-multiplier, a d.c. amplifier and an 8-channel recording oscillo-graph.

Card 1/2

On the temperature dependence of the relationship between
fluorescence and phosphorescence of aesculin and uranin
activated boron phosphors. (Cont.)
                                    51-3-15/24

The phosphor was excited with filtered mercury radiation and
its decay curve recorded from 0.1 sec onwards after the
excitation had ceased.   The experiments were carried out at
room temper ure and at temperatures down to -147 C.
Luminescence was recorded and fluorescence deduced by
extrapolating the approximately exponential decay curve to
time t = 0.   It was found that in both the substances studied
the phosphorescent α-band was absent. The ratio of the
intensities at the maxima of fluorescence and phosphorescence
and the ratio of the areas under the intensity-wavelength
curves for fluorescence and phosphorescence were found to be
independent of temperature. This indicated that the tempera-
ture quenching occurs at the F-level only. It is shown how
to calculate the probability of a radiationless transition
F→M if the molecular lifetime at the F-level is known.
There are 3 figures: showing the energy level scheme and the
luminescence spectra; 2 tables and 7 references, 5 of which
are Slavic.

Card 2/2

SUBMITTED: August 14, 1956.
ASSOCIATION: P. N. Lebedev Physical Institute, Ac.Sc. of the U.S.S.R.
       Fizicheskiy Institut im. P. N. Lebedeva AN SSSR)
AVAILABLE:

24(7)
AUTHOR: Kantardzhyan, L. T.   SOV/48-23-1-29/36

TITLE: Variation of the Luminescence Spectrum of Uranin in Dependence
                  on the pH Value of the Solution (Izmeneniye spektra lyuminest-
                  sentsii uranina v zavisimosti ot pH rastvora)

PERIODICAL: Izvestiya Akademii nauk SSSR. Seriya fizicheskaya, 1959,
                  Vol 23, Nr 1, pp 131 - 134 (USSR)

ABSTRACT: In a number of papers the dependence of absorption and
                  luminescence on the pH value for organic compounds has already
                  been investigated (Refs 6-9), and a regular variation of
                  spectra in dependence on the pH value was observed. Also
                  fluorescein was investigated in this manner (Ref 12) e.g. by
                  Levshin (Ref 13)(The formation of negative and positive ions
                  in basic and acid solutions was assumed). The present paper
                  intends to explain the influence exercised by the pH value of
                  the solution on the luminescence spectrum of uranin. Measure-
                  ments of the pH value during work were carried out by V. S. Ada-
                  mov. The concentration of the solution and the thickness of
Card 1/3   the layer to be measured were selected in such a manner that

Variation of the Luminescence Spectrum of Uranin in   SOV/48-23-1-29/36
Dependence on the pH Value of the Solution

reabsorption could be neglected. The luminescence spectra of
aqueous solutions of uranin were recorded $(C=10^{-5}$ g/ml) at
various pH values (of pH$<$2 $\not$ pH$>$12)(Fig 1) as well as the
spectra of boron glance (c= 10^{-5} g/g) in glycerin at various
temperatures and in alcohol $(c=10^{-5}$ g/g)(Fig 2). There were
two bands, of which the short-wave one (515 mμ) varied to a
much greater extent with the pH value than the long-wave band
(550 mμ). The relation I_λ short$/I_\lambda$ long was set up. Within
the range pH 3.1-8 this ratio increases (Table). This was
explained by the fact that in acid as well as in basic
solutions there are two types of luminescent particles, the
numerical ratio of which varies with a variation of the pH
value. One of the types of the luminescent particles is
ascribed to the negative, the other to the positive ions
(Ref 17). The luminescence spectrum of uranin in boron glance
differs essentially from all others (maximum at 472 mμ). For
purposes of comparison, the phosphorescence spectrum of
uranin in boron glance according to Lewis (L'yus) (Ref 5)table 2,
is given. The difference with respect to the position of

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Variation of the Luminescence Spectrum of Uranin in   SOV/48-23-1-29/36
Dependence on the pH Value of the Solution

the maximum shown by uranin in boron glance is partly ex-
plained as being due to the hardness of the medium, and partly it
is considered possible to assume the existence of two different
luminescent particles (reference is made to the different
rates of extinction of the long- and short-wave bands of the
phosphorescence spectrum (Ref 18)). There are 2 figures,
1 table, and 19 references, 13 of which are Soviet.

Card 3/3

GRIGORYAN, E.V.; KANTARDZHYAN, L.T.; CHIRKINYAN, S.S.

Luminescence of ionic forms of uranin and fluorescein. Izv.AN
SSSR 24 no.6:771-775 Je '60. (MIRA 13:7)

1. Institut elektrotekhniki Akademii nauk ArmSSR.
(Uranin)
(Fluorescein)
(Luminescence)

ADAMOV, V.S.; KANTARDZHYAN, L.T.

Effect of reabsorption on the quenching of molecular phosphorescence
in an infinite plane-parallel layer of finite thickness. Opt.i
spektr. 13 no.1:100-106 Jl '62.   (MIRA 15:7)
                        (Phosphorescence)

L 9869-63   EWT(m)/BDS—RM/MAY   s/0048/63/027/006/0796/0796 56
ACCESSION NR: AP3001357   54

AUTHOR: Avetisyan, M. A.; Adamov, V. S.; Kantardzhyan, L. T.; Chirkinyan, S. S.

TITLE: Concerning protomeric forms of fluorescein and urain [Report of the
Eleventh Conference on Luminescence held in Minsk from 10 to 15 September 1962]

SOURCE: AN SSSR. Izv. Seriya fizicheskaya, v. 27, no. 6, 1963, 796-798

TOPIC TAGS: fluorescein, sodium fluorescein urain, protometric transformations,
fluorescein absorption, fluorescein luminescence

ABSTRACT: The protometric forms of fluorescein and its di-sodium salt uranin
have been studied by many authors. It has been established from the
characteristics of the absorption and luminescence spectra that in addition to the
neutral molecule, there exist three ionic forms, produced as a result of
protolytic reactions. At the same time the neutral molecule can be represented
in two structurally different forms: lactone and quinoid. All these forms
exhibit characteristic absorption and luminescence bands (the neutral molecule
does not luminesce), but interpretation of the spectral data is rendered

Card 1/2

T, 9869-63
ACCESSION NR: AP3001357

2

difficult by the fact that the pH ranges of existence of the different forms over-lap. New experimental data have been obtained on the spectra of fluorescein in dioxane solutions and urainin in potassium hydroxide solutions (1, 5, 10 and 15N). Increase of the alkali concentration above IN results in decrease of the luminescence of the doubly charged uranin ion. With the passage of time strong KOH solutions turn blue in a few hours and then bleach after some days with complete loss of luminescence. The new results indicate that the list of equilibrium protolytic forms of fluorescein and uranin must be supplemented by two new ionic forms existing in strong alkaline solutions. The equilibrium constant for the two neutral forms of uranin and fluorescein is strongly dependent on the initial concentration of the dye. "The authors thank L. A. Gasparyan and R. G. Nazaryan for assistance in the work." Orig. art. has: 2 figures and 1 table.

ASSOCIATION: none

SUBMITTED: 00   DATE ACQ: 01Jul63   ENCL: 00

SUB CODE: PH,CH   NR REF SOV: 004   OTHER: 005

Ja/nh
Card 2/2

L 9904-63
ACCESSION NR: AP3000417   8/0076/63/037/005/1069/1074

AUTHOR: Avetisyan, M. A.; Adamov, V. S.; Kantardzhyan, L. T.; Chirkinyan, S. S.

TITLE: Photochemical behavior of uranin in liquid and solid solutions

SOURCE: AN SSSR. Zhurnal fizicheskoy khimii, v. 37, no. 5, 1963, 1069-1074

TOPIC TAGS: uranin, saccharine, boric organophosphors, atmospheric oxygen, photochemical processes, boric phosphor

ABSTRACT: Authors attempted to explain the effect of a preliminary light excitation on the luminescent properties of saccharine and boric organophosphors containing uranin ions in various relative concentrations as an activator. The luminescence and absorption spectrums of hard sugar candies and boric beads, which were prepared from aqueous solutions of uranin at various pH and subjected to a preliminary light excitation for various lengths of time in the presence of atmospheric oxygen, were studied. Authors conclude that photochemical processes in liquid solutions as well as in boric phosphor lead to the formation of non-luminescent products of the photoreaction of uranin. In glycerine and

Card 1/2

L 9904-63
ACCESSION NR: AP3000417 O

saccharine phosphor with a pH of about 4, the photoproduct causing the appearance
of a short-wave luminescence band is identified with the uranin cation forming
from the neutral molecule as the result of photochemical process. In saccharine
phosphor with a pH of about 8, a substantially different progress of the
photochemical process .... increase in the
luminescence intensity. "The authors wish to thank V. A. Arutyunyan and
D. G. Petrosyan for their help in this study." Orig. art. has: 7 figures.

ASSOCIATION: iInstitut radiofiziki i elektroniki, AN Armyanskoy SSR (Institute of
radiophysics and electronics, AN Armenian SSR)

SUBMITTED: 25Apr62   DATE ACQ: 19Jun63   ENCL: 00

SUB CODE: 00   NR REF SOV: 004   OTHER: 003

Card 2/2

ADAMOV, V.S.; KANTARDZHYAN, L.T.; OGANOV, E.A.; CHIRKINYAN, G.S.

Effect of reabsorption on the damping of the phosphorescence of
boric phosphors stimulated by light pulses. Dokl. AN Arm. SSR
41 no.2:88-92   '65.
(MIRA 18:11)

1. Institut radiofiziki i elektroniki AN ArmSSR. Submitted
March 10, 1965.

L 15616-66   EWA(j)/T/EWA(b)-2 JK
ACC NR: AP6008215   SOURCE CODE: BU/0011/65/018/004/0363/0364

AUTHOR: Kolchakov, K.; Kantardjief, V.

ORG: Department of Biochemistry, Department of Microbiology, Higher Medical
Institute, Sofia

TITLE: Immunological characteristics of silver-labeled proteins

SOURCE: Bulgarska akademiya na naukite. Doklady, v. 18, no. 4, 1965, 363-364

TOPIC TAGS: immunology, protein, radioisotope, tracer study, antibody, organo-
silver compound, antigen, serum

ABSTRACT: In a previous article by the same authors a method
was suggested for obtaining proteins labeled with the radioactive
isotopes of silver (Compt. rend. Acad. Bulg. Sci., 18, 1965, No. 3). The
present paper contains the results of the tests made to find out whether a
serum containing antibodies formed against human serum albumin will give the
same titre with human serum albumin labeled with silver. Tests showed that
the precipitation titre of the serum is not changed by the amount of silver

Card 1/2

L 15616-66

ACC NR: AP6008215   O

added to the antigen up to the ultimate concentration of silver of 20 atoms
per molecules of albumin. The note concludes with a brief discussion of
the results. The paper was submitted by A. Spassov, Corresponding Member
Bulgarian Academy of Sciences, 26 November 1964. /JPRS/

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 001 / OTH REF: 006

Card 2/2

KANTAREK, Tadeusz, mgr ins.; KWIATEK, Jerzy, mgr ins.

New laboratory equipment for tests of the creeping effect of soil
upon building structures. Przegl gorn 18 no.12:Suppl: Biul Glown
inst gorn 13 no.3:32-34 '62.

RODIONOV, Sergey Petrovich; KANTARENKO-CHERNOUSOVA, O.K., doktor geologo-
mineralogichnikh nauk; SOKOLOVSKIY, L.I., redaktor; ZHUKOVSKIY,
A.D., tekhnichniy redaktor.

[Geological past of the Ukraine and its mineral wealth] Geolo-
gichne mynule Ukrainy i bahatstva ii nadr. Kyiv, Vyd-vo Akademii
nauk URSR, 1955. 34 p.
(MLRA 9:6)

1.Chlen-korespondent Akademii nauk URSR.(for Rodionov).
(Ukraine--Mines and mineral resources)(Ukraine--Geology,Strati-
graphic)

KANTAREV, K.N.

Experience at a pediatric consultation center with BCG vaccination.
Suvrem.med.,Sofia 6 no.5:81-88 1955.

1. Iz V poliklinika-gr. Plovdiv(Gl.lekar:Dimitrova)
        (BCG VACCINATION,
            in Bulgaria)

KANTAREV, K.N.

Studies on physical development of newborn infants; data of
a child consultation center. Suvrem. med., Sofia 7 no.11:35-
45 1956.

1. Iz V poliklinika-Plovdiv (Gl. lekar: Gaberov).
    (INFANT, NEWBORN,
        develop. statist. (Bul))
    (GROWTH, in infant and child,
        newborn, statist. (Bul))

4

KANTAREV, Konst.

    Bulgaria

    Academic Degree not given

    Affiliation not given

    Sofia, Pediatriya, supplement of Suvremenna Meditsina,
    No 3, 1962, pp 68-70.

    "Review of Differential Diagnosis of the Most Important
    Symptoms of Children Diseases" by Iv. ANDREEV, Iv.
    VAPTSAROV, Khr. MIKHOV, and A. ANGELOV".

SAVARTSEV, A.; KANTARIYA, A.; DOBARIN, B.; YEVLENT'YEV, N.; (selo Yegorkino
    Oktyabr'skogo rayona, Tatarskoy ASSR), OSOTKIN (g.Tyumen');
    SHCHERBAKOV (g.Tyumen'); YERDAKOV (g.Tyumen'); VASIL'YEV (g.Tyumen');
    RESHETNIK (Tyumen').

In radio clubs of the country. Radio no.12:11-12 D '58.
                                        (MIRA 11:12)

1. Predsedatel' soveta Ryazanskogo radiokluba Dobrovol'nogo obshchestva
sodeystviya armii, aviatsii i flotu (for Savartsev). 2. Nachal'nik
Kuybyshevskogo oblastnogo radiokluba Dorbovol'nogo obshchestva sodey-
stviya armii, aviatsii i flotu (for Kantariya). 3. Nachal'nik radiokluba
(for Osotkin). 4. Starshiy insh.radiokluba (Shcherbakov). 5. Nachal'nik
uchebnoy chasti (for Yerdakov). 6. Chleny radiokluba (for Vasil'yev,
Reshetnik).
                    (Radio club)

KANTARIYA, G.

One variation of the method for solving scattering problems.
Trudy Tbil. GU no.62:119-127 '57.   (MIRA 11:7)

1.Tbilisskiy gosudarstvennyy universitet imeni Stalina, kafedra
teoreticheskoy fiziki.
        (Wave mechanics) (Particles, Elementary--Scattering)

KANTARIYA, G. V., Cand Phys-Math Sci -- (diss) "On a variation
method of solving the problem of diffusion (*dispersion*)." Tbilisi, 1957.
7 pp (Tbilisi State Univ im I. V. Stalin), 100 copies (KL,2-58,
111)

KANTARIYA, G.V. (Tbilisi)

Parallel microprogramming and principles of the design of
control devices for electronic digital computers. Izv. AN
SSSR. Otd. tekh. nauk. Energ. i avtom. no.5:140-143 S-O '62.
(MIRA 15:11)
(Electronic digital computers)

ANDRIANOV, K.A.; SIDOROV, V.I.; KHANANASHVILI, L.M.; BAGRATISHVILI, G.D.;
  TSITSISHVILI, G.V., akademik; KANTARIYA, M.L.

Addition of certain hydrogen-containing organosilicon com-
pounds to vinyl derivatives of organocyclosiloxanes and
isoprene. Dokl. AN SSSR 158 no.1:133-136 S-O '64

(MIRA 17:8)

1. Moskovskiy institut tonkoy khimicheskoy tekhnologii imeni
M.V.Lomonosova. 2. Chlen-korrespondent AN SSSR (for Andrianov)
3. AN GruzSSR (for TSitsishvili).

TSITSISHVILI, G.V.; BAGRATISHVILI, G.D.; /⁻ .IANOV, K.A.; KHANANASHVILI, L.M.;
KANTARIYA, M.L.

Infrared spectra of cyclic organosilazanes. Izv.AN SSSR.Otd.khim.
nauk no.7:1197-1198 Jl '62.   (MIRA 15:7)

1. Institut khimii im. P.G.Milikishvili AN Gruzinskoy SSR i
Institut tonkoy khimicheskoy tekhnologii im. M.V.Lomonosova.
                    (Silazanes—Spectra)

L 01480-66   EWT(d)/T/EED-2/EWP(1)   IJP(c)   BB/GG

ACCESSION NR: AR5017751   UR/0372/65/000/006/G007/G007
                                             681.142.1.01

SOURCE: Ref. zh. Kibernetika. Svodnyy tom, Abs. 6G46

AUTHOR: Kantariya, G. V.; Bukiya, G. B.

TITLE: Optimization of digital computer design

CITED SOURCE: Tr. Tbilissk. n.-i. in-ta priborostr. i sredstv avtomatiz., 1964,
4-5, 201-204

TOPIC TAGS: computer design, digital computer system, command system

TRANSLATION: The authors examine the block diagram of a digital computer designed
for high reliability and speed. A digital computer is studied which has a single-
address command system and fixed-decimal number representation. The access rate for
the permanent memory in this system should be no more than 1/2 the access rate of
the working memory. It is assumed that the principles of microprogramming are used,
that the functional purposes of the units are consolidated and that the summation
unit is constructed from single-digit summing circuits of the combination type.

Card 1/2

L 01480-66

ACCESSION NR: AR5017751

These measures are effective for improving digital computer design. See also abstract 6G45. V. G.

SUB CODE: DP   ENCL: 00

Card 2/2

L 1994-66   EWT(d)/EWP(v)/EWP(k)/EWP(h)/EED-2/EWP(l)   IJP(c)   B3/00

ACCESSION NR: AR5017750

UR/0372/65/000/006/G007/G007

681.14?.1.01

.39
B

SOURCE: Ref. zh. Kibernetika. Svodnyy tom, Abs. 6G45

AUTHOR: Bukiya, G. B.; Kantariya, G. V.

TITLE: Control of operations in an arithmetic unit of the combination type

CITED SOURCE: Tr. Tbilissk. n.-i. in-ta priborostr. i sredstv avtomatiz., 1964,
4-5, 208-210

TOPIC TAGS: automatic control system, computer component, logic circuit, arithmetic
unit

TRANSLATION: Some minimum (in the sense of amount of equipment) logic circuits are
examined for maximum efficiency on synchronous digital computers in controlling the
operations of division and change of address for automatic control of the combina-
tion type.   Yu. U.

SUB CODE: DP   ENCL: OO

Card 1/1

L 8575-66   EWT(d)/EWP(1)   IJP(c)   GG/BB

ACC NR: AR5018117   SOURCE CODE: UR/0271/65/000/007/B009/B010

SOURCE: Ref. zh. Avtomatika, telemekhanika i vychislitel'naya tekhnika. Svodny: m, Abs. 7B78

AUTHOR: Kantariya, G. V.; Bukiya, G. B.

TITLE: Use of parallel microprograming in a computer having simultaneous access to numbers and commands

CITED SOURCE: Tr. Tbilissk. n.-i. in-ta priborostr. i sredstv avtomatiz., v. 4-5, 1964, 69-71

TOPIC TAGS: digital computer, digital computer programing

TRANSLATION: A method is considered of parallel microprograming in a digital computer with a fixed point and single-address command system. The command comprises three parts: operation address A_0, number address A, and tags γ_1 γ_2 ... γ_n. Thanks to the nonvolatile ferrite-core command storage with a punch-card information input (this storage has the access time less than one-half of the access time of the internal number storage), the command access and the instruction access coincide with one access of the number from the internal number storage. From the address (code) of A-operation, an instruction is selected which corresponds to a given command and -- as an n-digit binary code -- is sent to the elementary-operation register; each digit of the latter controls the performance of a group of elementary operations belonging with one command or a group of commands. Advantages of the parallel microprograming,

Card 1/2   UDC: 681.142.2

L 8575-66

ACC NR: AR5018117

such as higher speed, computer control unit ?, smaller amount of equipment, simplified
synchronization scheme are stated. Figs. 2. [Translator's note: the Russian original
is not clear as its language is semi-illiterate.]

SUB CODE: 09

jw

Card 2/2

KAKHNIASHVILI, A.I.; PARDZHIKIYA, D.S.; KANTARIYA, M.L.

Condensation of guaiacol with unsaturated alcohols in the
presence of phosphoric acid. Zhur.ob.khim. 33 no.2:667-673
F '63.
                                                (MIRA 16:2)

1. Tbilisskiy gosudarstvennyy universitet.
       (Guaiacol)   (Alcohols)   (Unsaturated compounds)

L 10802-65   EWT(m)/EPF(c)/EM/(t)/T   Pc-4/Pr-4   DM
ACCESSION NR: AP5045097
                                    S/0020/65/158/061/0133/0136

AUTHOR: Andrianov, K. A. (Corresponding member AN SSSR); Sidorov,
V. I.; Khananashvili, L. M.: Bagratishvili G. D.

TITLE: Addition of certain hydrogen-containing organosilicon com-
pounds to vinyl derivatives of organocyclosiloxanes and to isoprene

SOURCE: AN SSSR. Doklady, v. 158, no. 1, 1964, 133-136

TOPIC TAGS: addition reaction, chlorosilane, isoprene, organocyclo-siloxane, chloroplatinic acid

ABSTRACT: The following reactions have been conducted in the presence of chloroplatinic acid: 1) Addit...
...tetrasiloxane...

L 10802-65
ACCESSION NR: AP4045097
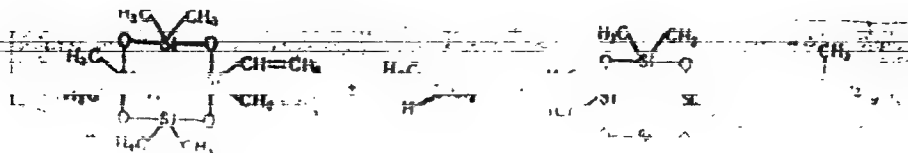
ane or hexamethyldivinylcyclotetrasiloxane to heptamethylvinylcyclotetrasilox-
ane or hexamethyldivinylcyclotetrasiloxane yielded the compounds
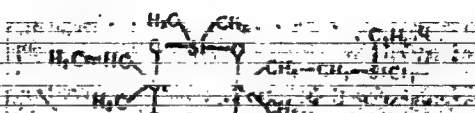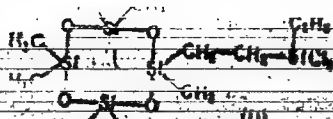
L 10802-65

ACCESSION NR: AP5003302

3) addition of isoprene to heptamethylcyclotetrasiloxane yielded the compound

The synthesized compounds were identified by chemical analysis mo-
... determination, molar refr...
the NMR spectrum was recorded for compound II. Compounds I, II, III,

ASSOCIATION: Moskovskiy institut tonkoy khimicheskoy tekhnologii im.

Card 3/4

N# AP4045097

SUB CODE: 00, 00   NO REF SOV.   001

Country : USSR
Category: Cultivated Plants. Grains

H

Abs Jour: RZhBiol., No 11, 1958, No 48892

Author   : Kantariya, N.
Inst   : Georgian Agricultural Inst.
Title   : Corn Growing in Long Fallow Soils.

Orig Pub: Tr. Gruz. s.-kh. in-ta, 1957, 46, 207-222

Abstract: No abstract.

Card   : 1/1

M-41

KANTARIYA, Valerian Irakliyevich

[Academician Solomon Cholokashvili] [Akademik Solomon
Cholokashvili. Tbilisi, Sabchota Sakartvelo] 1965. 25 p.
[In Georgian]   (MIRA 18:9)